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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/923,809	08/07/2001	Stephane Kasriel	155.1006.01	9660

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EXAMINER

BATAILLE, PIERRE MICHE

ART UNIT	PAPER NUMBER
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2186

DATE MAILED: 04/26/2004

9

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application N

09/923,809

Applicant(s)

KASRIEL ET AL.

Examiner

Pierre-Michel Bataille

Art Unit

2186

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 September 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 6.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This Office Action is taken with respect to examination of the instant application, which presents claims 1-22 under examination. The Office acknowledges reception of Information Disclosure Statement placed in the application (paper 6), which has been considered by the examiner.

Specification

2. The specification has not been checked to the extent necessary to determine the presence of all possible minor errors. The status of all Cross Referenced Applications (specification, page 5, line 20) should be updated during prosecution of the application.

Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 6,397,217 (Melbin) in view of US 6,405,252 (Gupta et al).

With respect to claims 1, 7, 12, and 17, US 6,397,217 (Melbin) teaches a method for transmitting a web page including receiving a request for a web page (a request for particular page at the internet protocol) [Col. 4, Lines 4-7]; ascertaining if a set of compressed information related to said web page is present in cache at a first server, wherein said set of compressed information comprises a set of static elements included in said web page (an entire page or an entire template may be cached making the page relatively static) [abstract; Col. 3, Line 42 to Col. 4, Line 22; Col. 4, Lines 59-66]; serving said set of compressed information from said cache to a user in response to said request (providing entire page or static template to user) [abstract; Col. 3, Line 42 to Col. 4, Line 22; Col. 4, Lines 59-66]; serving a set of dynamic information from said first server or a second server to said user (small pieces or element of a page cached are provided in round-robin fashion among web servers) [abstract; Col. 3, Line 42 to Col. 4, Line 22; Col. 4, Lines 59-66]. Melbin fails to teach decompressing said compressed information to a client device. However, it would have been obvious to decompress static page to a client device as shown this feature is typical in such type of application and as shown in Gupta, teaching static and dynamic web pages including decompressing compressed information to a client device in response to a request for said web pages [abstract; Col. 13, Lines 11-13]. Therefore, it would have been obvious to one of ordinary skill in the art to decompress compressed information to a client device as this feature is typical in the types of application and because decompression would have maintained the traffic latency requirement within the network.

With respect to claims 2, 5, 10, 18, 20, Melbin teaches said request is received by a proxy encoder server or a mirroring server [Col. 4, Lines 1-11].

With respect to claims 3 and 21, Melbin teaches said set of compressed information includes a compressed version of said web page [Col. 3, Lines 42-45] and one or more elements in a web page includes at least static elements and dynamic elements [Col. 3, Line 42 to Col. 4, Line 22; Col. 4, Lines 59-66].

With respect to claims 6, 11, 13-14, Melbin teaches ascertaining if said set of compressed information is cached in another location (another server), obtaining said set of compressed information and caching said set of information in said first server [Col. 7, Lines 40-49]; Gupta additionally teaches ascertaining if said set of compressed information is caches in another location, obtaining said set of compressed information and caching said set of information in said first server [Col. 13, Lines 22-30].

With respect to claims 15-16, Gupta teaches decompressing is performed by software that is proximate to said client or decompressing is performed automatically by a browser associated with said location [Col. 6, Lines 32-42]; Melbin inherently teaches decompressing is performed by software that is proximate to said client or decompressing is performed automatically by a browser associated with said location [Col. 9, Lines 1-16].

With respect to claim 22, Melbin teaches software including comparison element for comparing information at said first server or said second server (application logic for determining or for screening static or dynamic version of web pages within said web clients) [Col. 2, Lines 54-63; Col. 3, Lines 40-47].

With respect to claims 4, 8, 19 Melbin teaches said first server including an originating server, mirroring server or proxy encoder server [Col. 4, Lines 1-11].

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US 6,553,413 (Leighton et al) teaching content delivery network using edge network servers for providing content delivery to a set of participating content providers.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pierre-Michel Bataille whose telephone number is (703) 305-0134. The examiner can normally be reached on Tue-Fri (7:30A to 6:00P).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew M. Kim can be reached on (703) 305-3821. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Pierre-Michel Bataille
Primary Examiner
Art Unit 2186

April 22, 2004